

Furthermore, the Examiner required election of a single species within group III. Again, the applicant disagrees, but elects "amines" as a single species to advance prosecution of the present application. **Claims 21 to 26 read on elected species within group III.**

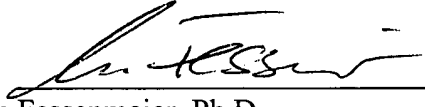
REQUEST FOR ALLOWANCE

Claims 21-26 are pending in this application. The applicant requests allowance of all pending claims.

Respectfully submitted,

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VERSIONS WITH MARKINGS TO SHOW CHANGES MADE

In the Claims

Claims 1-20 were cancelled.

CLEAN VERSION OF PENDING CLAIMS

21. A method of generating a nucleoside library, comprising:
providing a first nucleoside and a second nucleoside, each having a reactive group and
each being coupled to a solid support; and
reacting the reactive group of the first and second nucleoside with a first reagent and
second reagent, respectively, thereby forming a first modified nucleoside and a
second modified nucleoside, wherein the second modified nucleoside is
chemically distinct from the first modified nucleoside.
22. The method of claim 21 wherein at least one of the first and second nucleosides
comprises a purine heterocyclic base.
23. The method of claim 21 wherein each of the first and second nucleosides comprises a
sugar moiety and a heterocyclic base, and wherein the reactive group is disposed on the
heterocyclic base of the first and second nucleosides.
24. The method of claim 21 wherein each of the first and second nucleosides further
comprises a second reactive group.
25. The method of claim 24 further comprising a step of reacting the second reactive group
of the first and second nucleoside with a third reagent and a fourth reagent, respectively.
26. The method of claim 21 wherein the first and the second reagents are selected from the
group consisting of an alkyl, an aryl, an alkynyl, an alcohol, and an amine.